

Attachment 2

Drawings

Solicitation No.: DTFAEN-12-R-00042

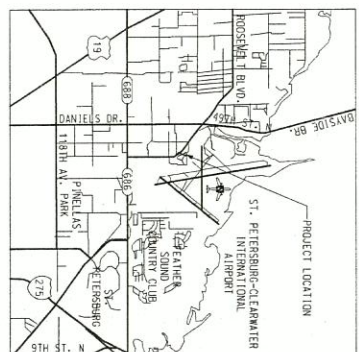
**Closure Fence Project
at the
Saint Petersburg-Clearwater Airport, Air Traffic Control Tower
Clearwater, Florida**

List of Drawings

Drawing Number	Date	<u>Title</u>
PIE-D-1001077 - G001	12/15/2011	Cover Sheet and Vicinity Map
PIE-D-1001077 - G002	12/15/2011	PIE AFSS Closure Fence Project Index Sheet
PIE-D-1001077 - C001	12/15/2011	PIE AFSS Closure Fence Project Site Plan
PIE-D-1001077 - C002	12/15/2011	PIE AFSS Closure Fence Project Demolition Plan
PIE-D-1001077 - C003	12/15/2011	PIE AFSS Closure Fence Project New Work
PIE-D-1001077 - C004	12/15/2011	PIE AFSS Closure Fence Project Details
PIE-D-1001077 - C005	12/15/2011	PIE AFSS Closure Fence Project Chain Link Fence



ATCT - ST. PETERSBURG, FLORIDA
PIE AFSS CLOSURE FENCE PROJECT



VICINITY MAP
TAMPA, FLORIDA
NOT TO SCALE

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DRAWING LIST

DRAWING NO.	REV.	DATE	DESCRIPTION
PE-D-100077-0001		12/15/2011	COVER SHEET AND VICINITY MAP
PE-D-100077-0002		12/15/2011	PIE AFSS CLOSURE FENCE PROJECT INDEX SHEET
PE-D-100077-0001		12/15/2011	PIE AFSS CLOSURE FENCE PROJECT SITE PLAN
PE-D-100077-0002		12/15/2011	PIE AFSS CLOSURE FENCE PROJECT DEMOLITION PLAN
PE-D-100077-0003		12/15/2011	PIE AFSS CLOSURE FENCE PROJECT NEW WORK
PE-D-100077-0004		12/15/2011	PIE AFSS CLOSURE FENCE PROJECT DETAILS
PE-D-100077-0005		12/15/2011	PIE AFSS CLOSURE FENCE PROJECT CHAIN LINK FENCE

ST PETERSBURG ST PETERSBURG-CLEARWATER INTL. AIRPORT	
DEPARTMENT OF TRANSPORTATION	
FEDERAL AVIATION ADMINISTRATION	
ATO - TECHNICAL OPERATIONS	
EASTERN SERVICE AREA	
AICJ	
PIE AFSS CLOSURE FENCE PROJECT	
INDEX SHEET	
REVIEWED BY [Signature]	ISSUED BY [Signature]
PROJECT ENGINEER [Signature]	ENGINEERING SERVICES [Signature]
DATE 12/15/2011	DATE 12/15/2011
CHECKED [Signature]	PE-D-100077-0002

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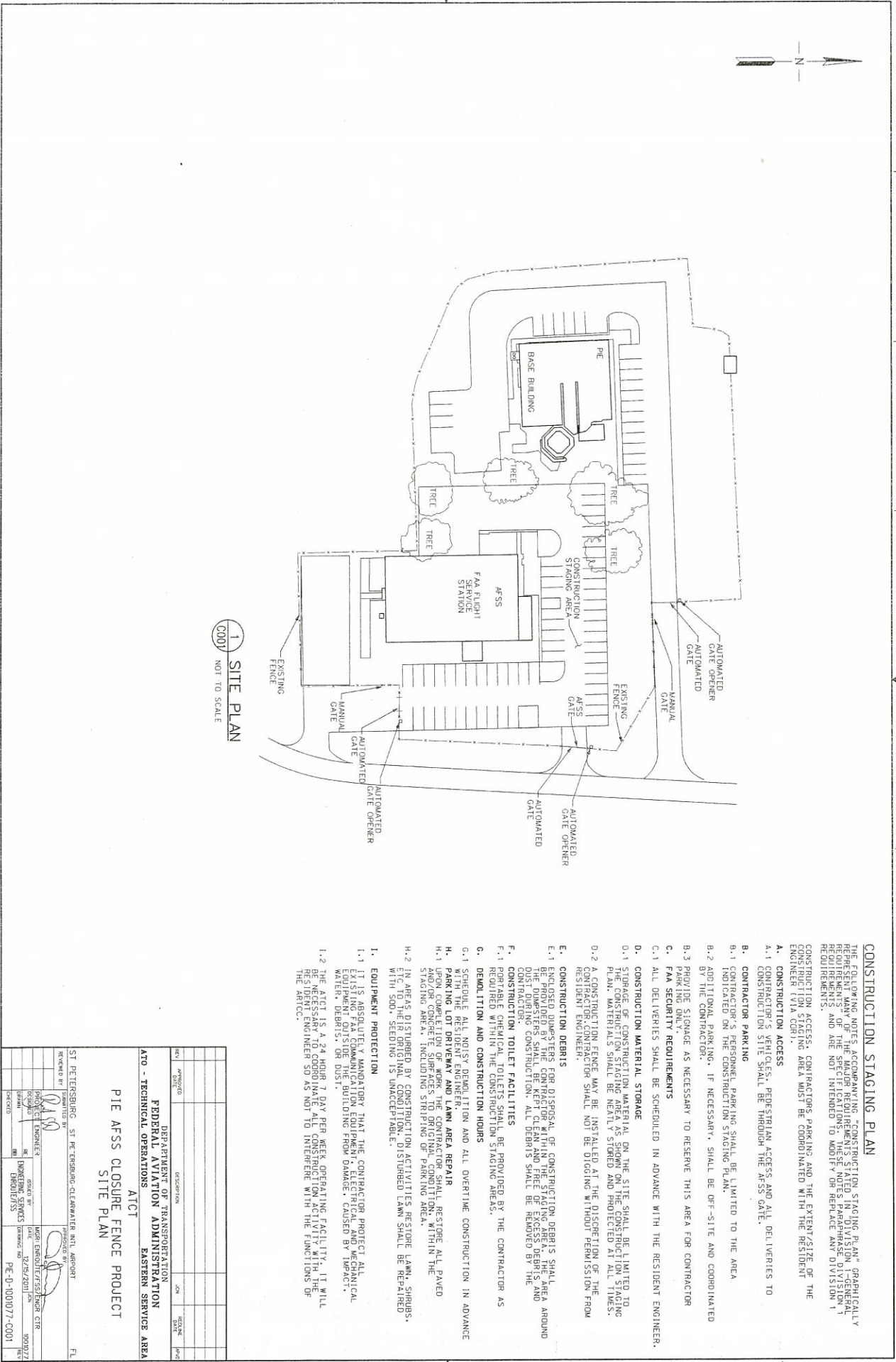
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CONSTRUCTION STAGING PLAN

THE FOLLOWING NOTES ACCOMPANYING "CONSTRUCTION STAGING PLAN" GRAPHICALLY REPRESENT MANY OF THE MAJOR REQUIREMENTS STATED IN DIVISION 1-GENERAL REQUIREMENTS OF THE SPECIFICATIONS. THESE NOTES PARAPHRASE DIVISION 1 REQUIREMENTS, AND ARE NOT INTENDED TO MODIFY OR REPLACE ANY DIVISION 1 REQUIREMENTS. CONTRACTORS PARKING AND THE EXTENT/SIZE OF THE CONSTRUCTION STAGING AREA MUST BE COORDINATED WITH THE RESIDENT ENGINEER (VIA COR).

A. CONSTRUCTION ACCESS

A.1 CONTRACTOR'S VEHICLES, PEDESTRIAN ACCESS, AND ALL DELIVERIES TO CONSTRUCTION SITE SHALL BE THROUGH THE AFSS GATE.

B. CONTRACTOR PARKING

B.1 CONTRACTOR'S PERSONNEL PARKING SHALL BE LIMITED TO THE AREA INDICATED ON THE CONSTRUCTION STAGING PLAN.

B.2 ADDITIONAL PARKING, IF NECESSARY, SHALL BE OFF-SITE AND COORDINATED BY THE CONTRACTOR.

B.3 PROVIDE SIGNAGE AS NECESSARY TO RESERVE THIS AREA FOR CONTRACTOR PARKING ONLY.

C. FAA SECURITY REQUIREMENTS

C.1 ALL DELIVERIES SHALL BE SCHEDULED IN ADVANCE WITH THE RESIDENT ENGINEER.

D. CONSTRUCTION MATERIAL STORAGE

D.1 STORAGE OF CONSTRUCTION MATERIALS ON THE SITE SHALL BE LIMITED TO THE AREAS SHOWN ON THE CONSTRUCTION STAGING PLAN. MATERIALS SHALL BE NEATLY STORED AND PROTECTED AT ALL TIMES.

D.2 A CONSTRUCTION FENCE MAY BE INSTALLED AT THE DISCRETION OF THE CONTRACTOR. CONTRACTOR SHALL NOT BE DIGGING WITHOUT PERMISSION FROM RESIDENT ENGINEER.

E. CONSTRUCTION DEBRIS

E.1 ENCLOSED DUMPSTERS FOR DISPOSAL OF CONSTRUCTION DEBRIS SHALL BE PROVIDED BY THE CONTRACTOR WITHIN THE STAGING AREA. THE AREA AROUND DUMPSTERS SHALL BE KEPT CLEAN AND FREE OF DEBRIS. ALL DEBRIS SHALL BE REMOVED BY THE CONTRACTOR.

F.1 PORTABLE TOILET FACILITIES SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY THE CONSTRUCTION STAGING PLAN.

G. DEMOLITION AND CONSTRUCTION HOURS

G.1 SCHEDULE ALL NOISY DEMOLITION AND ALL OVERTIME CONSTRUCTION IN ADVANCE WITH THE RESIDENT ENGINEER.

H. PARKING LOT DRIVEWAY AND LANE AREA REPAIR

H.1 UPON COMPLETION OF WORK, THE CONTRACTOR SHALL RESTORE ALL PAVED AND/OR CONCRETE SURFACES TO ORIGINAL CONDITION, WITHIN THE STAGING AREA, INCLUDING STRIPING OF PARKING AREA.

H.2 IN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, RESTORE LAWN, SHRUBS, AND/OR TREES TO ORIGINAL CONDITION. LANE SHALL BE REPAIRED WITH SOO SEEDING IS UNACCEPTABLE.

I. EQUIPMENT PROTECTION

I.1 IT IS ABSOLUTELY MANDATORY THAT THE CONTRACTOR PROTECT ALL EQUIPMENT AND MATERIALS FROM DAMAGE CAUSED BY IMPACTS, WATER, DEBRIS, OR DUST.

I.2 THE ATCT IS A 24 HOUR 7 DAY PER WEEK OPERATING FACILITY. IT WILL BE NECESSARY TO COORDINATE ALL CONSTRUCTION ACTIVITY WITH THE RESIDENT ENGINEER SO AS NOT TO INTERFERE WITH THE FUNCTIONS OF THE ATCT.

REV	DATE	DESCRIPTION	BY	DATE	REVISION	DATE
1	12/24/2012	ISSUED FOR CONSTRUCTION	ST PETERSBURG	12/24/2012	1	12/24/2012

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS ATCT PIE AFSS CLOSURE FENCE PROJECT SITE PLAN		ST PETERSBURG, ST. PETERSBURG-CLERMONT INTL. AIRPORT	
DESIGNED BY	ST PETERSBURG	CHECKED BY	ST PETERSBURG
DRAWN BY	ST PETERSBURG	DATE	12/24/2012
SCALE	AS SHOWN	PROJECT NO.	PE-D-100077-0001

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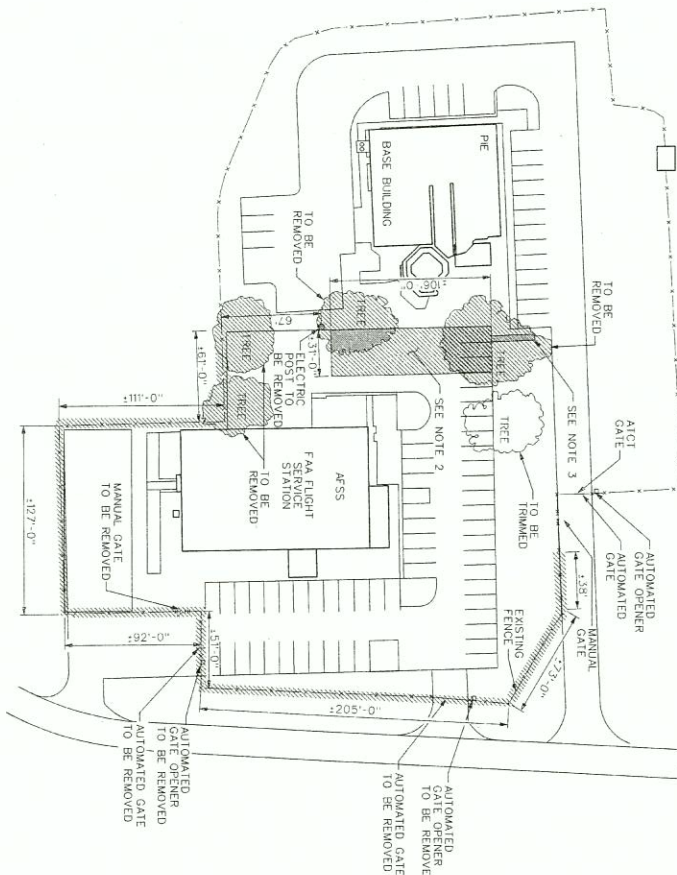
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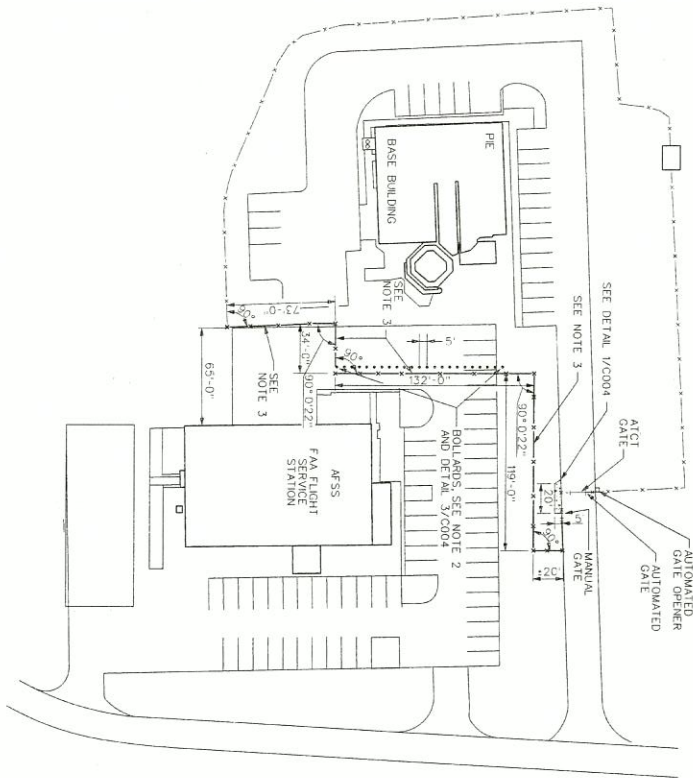
GENERAL NOTES

1. FOUR (4) GROWN TREES WILL BE REMOVED. ONE (1) GROWN TREE WILL BE REMOVED FROM THE EXISTING DRIVEWAY. THE REMAINING THREE (3) TREES WILL BE REMOVED FROM THE EXISTING DRIVEWAY. THE REMOVAL OF THE EXISTING TREES.
2. AN ASPHALT AREA, APPROXIMATELY 106' x 31', WILL BE REMOVED. THE CONDITION THIS AREA WITH FILL MATERIAL TO MAKE IT EVEN WITH THE REST OF THE DRIVEWAY. COMPACT THE FILL MATERIAL.
3. A SIDEWALK APPROXIMATELY 4' x 29' x 4" WILL BE REPAIRED.
4. THERE IS APPROXIMATELY 367' OF A 7' FENCE AND 391' OF A 10' FENCE.
5. THERE IS APPROXIMATELY 143' OF FENCE TO BE REMOVED THAT IS CONSTRUCTED ON ASPHALT. IN THIS AREA, CUT THE POST FLUSH WITH THE ASPHALT AND FILL THE POSTS WITH CONCRETE. THE CONCRETE SHOULD BE FLOORED WITH ASPHALT.
6. THE AISC IS A 24 HOUR BUSINESS AND THERE FACILITY. THERE IS NO MONITORING THAT THIS FACILITY IS RESPONDING TO THE INFERENCE OF INTERVENTION OF SERVICE FROM THIS FACILITY. IT IS ABSOLUTELY NECESSARY TO HAVE A PERSON ON SITE TO MONITOR THE NEW FENCE ACCORDING TO THE DRAWINGS AND SPECS BEFORE HE CAN DEMOLISH THE EXISTING FENCE.
7. THE DEMOLITION DIMENSIONS ARE APPROXIMATE. CONTRACTOR RESPONSIBLE TO VERIFY DIMENSIONS ON THE FIELD.

LEGEND

EXISTING FENCE, ASPHALT, TREES AND SIDEWALK TO BE REMOVED

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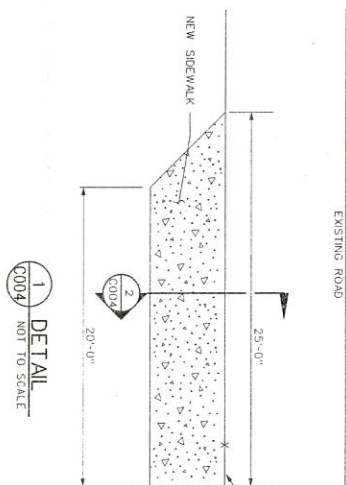
GENERAL NOTES

1. CONCRETE IN JONES CONCRETE SIDEWALK IN THIS AREA. CONCRETE SHALL BE 3,000 PSI, 1/8" INCH GRAVEL, CONCRETE MIX, PROVIDE A MEDIUM GROOM FINISH, PROVIDE ON-SITE TESTING, TEST CYLINDERS AT 7 AND 28 DAY BREAK, SUBMIT TEST RESULTS FOR PFAA TO REVIEW.
2. FURNISH AND INSTALL BOLLARDS. BOLLARD POSTS SHALL BE FINISHED WITH COATS OF RUST-PROOF NO. 769 DAPPED PRIMER YELLOW PRIMER ON EQUAL PRIMER TO INSTALLATION.
3. FURNISH AND INSTALL A FOOT CHAIN LINK FENCE AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
4. THE ALOT IS A 24 HOUR, SEVEN DAY A WEEK FACILITY. EXERCISE SPACE SHALL BE EXERCISED SO AS NOT TO CAUSE ANY INTERFERENCE WITH THE NORMAL OPERATION OF THE FACILITY. IT IS ABSOLUTELY UNLAWFUL FOR THAT THIS FACILITY BE FENCED DURING THE DURATION OF THIS WORK. CONTRACTOR RESPONSIBLE FOR THE PROTECTION OF THE FACILITY. THE CONTRACTOR SHALL ADVISE THE NEW ENGLAND POLICE OF THE FENCING AND EFFECTS BEFORE THE NEW ENGLAND POLICE OF THE FENCING.
5. THE NEW WORK DIMENSIONS ARE APPROPRIATE. CONTRACTOR RESPONSIBLE TO VERIFY DIMENSIONS ON THE FIELD.

LEGEND

- NEW 8' FENCE
NEW BOLLARDS TO BE INSTALLED AT 5 FEET FROM
CENTER TO CENTER.

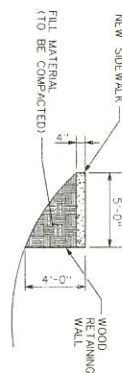
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C004

DETAIL

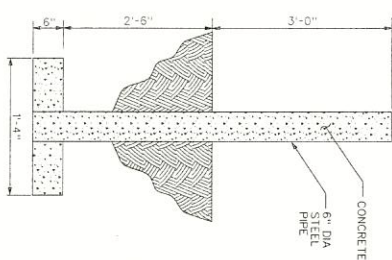
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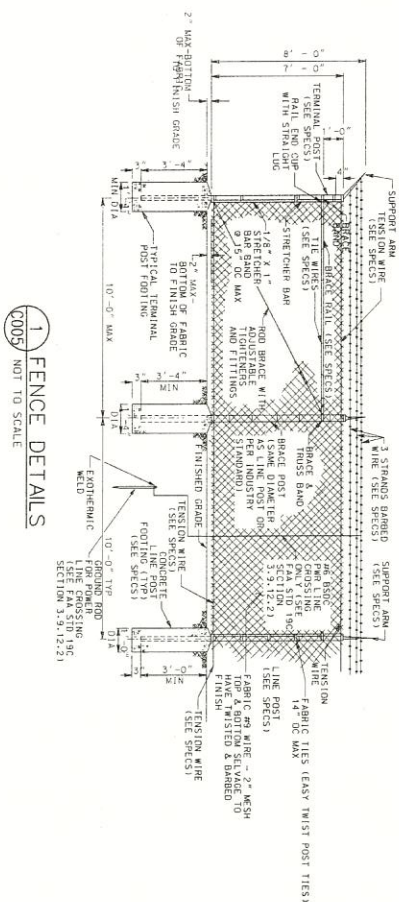
SECTION A-A

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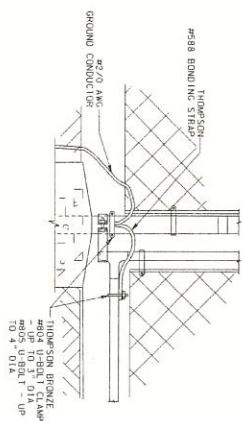


3 BOLLARD DETAIL
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C005 FENCE DETAILS
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2 GROUND CONDUCTOR DETAIL
C005 NOT TO SCALE

NOTES

1. ALL UNDERGROUND FENCE GROUNDING CONNECTIONS SHALL BE EXOTHERMIC.
2. B1-METALLIC CONNECTOR SHALL BE TIN-PLATED WITH TIN-PLATED SPACER IN ORDER TO ELIMINATE DISSIMILAR METAL CORROSION.
3. GROUND ROD SHALL BE COPPER OR COPPER CLAD, A MINIMUM OF 10' IN LENGTH AND 1/2" IN DIAMETER. THE SPECIFIC TYPE OF GROUNDING COPPER CLAD ROD SHALL BE DETERMINED BY THE PROJECT ENGINEER.
4. PLE-D-1001071-C005 MEETS THE STANDARDS SET FORTH BY SECURITY ORDER 1600-65A.
5. GROUNDING SHALL BE IN ACCORDANCE WITH "A-510-019X, JUNE 01, 1999."

LINE POST DIAMETER AT 8 FOOT SPACING (FOR HIGH WIND AREA INSTALLATION)					
OVERALL FENCE HEIGHT (FEET)	BASIC WIND SPEED (MPH)				
70"	80	90	100	110	150
8	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"
END CORNER, PULL POST DIAMETER					
8	3"	3"	3"	4"	3"

[illegible]